

DRAWINGS

Changes were made to four of the five drawing sheets of amendment B, and these are submitted in this amendment as replacement sheets 1/5 (Fig. 1), 2/5 (Fig. 1A), 3/5 (Fig. 1B), and 5/5 (Figs. 3 and 4).

The drawing amendments are discussed in the "remarks" section of this amendment.

REMARKS – General

Applicant appreciates and wishes to thank examiner for clearly indicating the failures of applicant to recognize applicant's inclusion of new subject matter in the specification and drawings, and appreciates the corrections indicated regarding claim 15.

Claim Objections Overcome by Correction

Examiner correctly objects to applicant's inconsistent description of "flow line" instead of the correct "flexible tube flow line" in part E of claim 15. This has been corrected in this amendment. Reference to the not specifically claimed "blood warmer apparatus" in part G of claim 15 has been removed in this amendment.

Objections to Specification as Introduction of New Matter Overcome by Removal

Applicant has endeavored to remove all the new matter specifically identified by Examiner, including those examples on pages 6, 7, 11, 12, and 13 of amendment B. Other new matter also appeared in the "Reference Numerals" section, such as "heater cable connector wire 21," and reference numerals 23 and 25, which referred to removed new material. Reference numeral 30, "Temperature sensor, if employed" referred to new material in the form of the location of the sensor,

and was therefor removed. In summary, applicant has removed all matter specifically identified by Examiner as "New Matter" and has also tried to remove any other matter that referred to new matter. Applicant has added new reference numbers 22 and 24, describing the removable connection of electrical heater segments to the blood warmer apparatus and their joining to each other at the outlet end of flexible tube flow line forming a series electrical resistance heater, using only the terminology which was included in the original application.

Objections to the Drawings Overcome

Fig.1 has been corrected by removing temperature sensor cable 21, and by adding reference numeral 22, "Electrical and mechanical adaptation of disposable internal electrical heater segments to be removably connected to a temperature controller located in the blood warmer apparatus." This description is worded to be consistent with the original application, is therefore non-specific and contains no new matter.

Fig. 1A has been corrected by removing "temperature sensor cable 21" and "electrical and mechanical connection of internal electrical resistance heater cable connector wire to internal electrical resistance heater segment 23," and by closing the previous removal of part of the outer wall of the disposable air

insulated patient intravenous line. The hidden lines showing the "disposable internal electrical resistance heater cable 18" and the "disposable internal electrical resistance heater segments 16" are truncated, thus removing any detail of the connection to the electrical heater segments. Reference numeral 22 "Electrical and mechanical adaptation of disposable internal electrical heater segments to be removably connected to a temperature controller located in the blood warmer apparatus," has been added, as in Fig. 1.

Fig. 1B has been corrected by removing "temperature sensor cable 21," "disposable internal electrical resistance heater cable connector wire 24," "electrical and mechanical connection of internal electrical resistance heater cable connector wire to internal electrical resistance heater segment 25," and "temperature sensor if employed 30." Reference numeral 24, "electrical and mechanical joining of disposable internal electrical heater segments at outlet end of flexible tube flow line forming a series electrical resistance heater, has been added. Although it points to what *could* be a wire, it uses non-specific language from and consistent with the original application, avoiding the introduction of new matter.

Fig. 3 shows schematically how winding wire in a tightly spaced helical form on elongated plastic rods or tubes about 0.1 inches in diameter might appear. It does show that such a form of electrical heater segment has two ends, but

applicant respectfully believes the break shown in Fig. 3 neither defines nor suggests a specific length for the segment. Applicant has changed Fig. 3 to show the helically wrapped wire ends turned to align with the direction of the helical axis for clarity.

Fig. 4 is a perspective drawing of electrical resistance heater segments made by winding wire in a tightly spaced quasi helical form on elongated, flexible strip shaped insulators about 0.03 inch thick and about 0.10 to 0.25 inch wide, and is only meant to show how such a form of electrical heater segment might appear. As in Fig. 3, applicant believes the break shown in Fig. 4 does not indicate any specific length of the heater segment. Applicant has changed Fig. 3 to show the quasi helically wrapped wire ends turned to align with the direction of the quasi helical axis for clarity.

Conditional Request for Constructional Assistance

Applicant has amended the specification, drawings, claims of this application so that they are proper, definite, and define novel structure which is also unobvious. If, for any reason, this application is not believed to be in full condition for allowance, applicant respectfully requests the constructive assistance and suggestions of the Examiner pursuant to M.P.E.P. paragraphs 2173.02 and 707.07(j) in order that the undersigned can place this application in allowable condition as soon as possible and without the need for further proceedings.

Very respectfully,

A handwritten signature in black ink, appearing to read "Allan P. Bakke", with a long horizontal flourish extending to the right.

Allan P. Bakke

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Certificate of Mailing

I certify that this correspondence will be deposited with the United States Postal Service as first class mail with proper postage affixed in an envelope addressed to: "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" on the date below.

Date: February 26, 2007

Applicant: Allen P. Bakke